



6AF6-G

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ELECTRON-RAY TUBE

TWIN-INDICATOR TYPE

Heater	Coated Unipotential Cathode	
Voltage	6.3	a-c or d-c volts
Current	0.15	amp.
Overall Length	2-1/4"	{ +1/16" -1/4"
Seated Height	1-11/16"	{ +1/16" -1/4"
Maximum Diameter		1-5/16"
Bulb		T-9
Base	Intermed. Sh. Octal 7-Pin	
Pin 1 - No Connection		Pin 4 - Ray-Control
Pin 2 - Heater		Electrode, Unit No. 1
Pin 3 - Ray-Control		Pin 5 - Target
Electrode, Unit No. 2		Pin 7 - Heater
		Pin 8 - Cathode

Mounting Position BOTTOM VIEW (7AG) Any**

Maximum and Minimum Ratings Are Design-Center Values

INDICATOR SERVICE

Target Voltage	{ 250 max.	volts
	{ 125 min.	volts
Ray-Control Electrode Supply Voltage	250 max.	volts
D-C Heater-Cathode Potential	90 max.	volts
Typical Operation:		
Target Voltage	125 250	volts
Series Resistor □	0.5 1.0	megohm
Target Current*	0.65 2.2	ma.
Ray-Control Electrode Voltage †	80 160 approx.	volts
Ray-Control Electrode Voltage ††	0 0 approx.	volts

** The plane of the ray-control electrodes passes through pins No. 3 and No. 7.

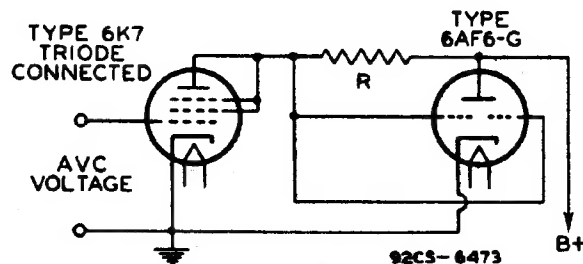
□ Designated R in circuit diagram below.

* With 0 volts on ray-control electrodes. Subject to wide variations.

† For shadow angle of 0° produced by either ray-control electrode.

†† For shadow angle of 95° produced by either ray-control electrode.

TYPICAL CIRCUIT USING TYPE 6AF6-G WITH RAY-CONTROL ELECTRODES IN PARALLEL



The license extended to the purchaser of tubes appears in the License Notice accompanying them. Information contained herein is furnished without assuming any obligations. → Indicates a change.

DEC. 15, 1944

RCA VICTOR DIVISION
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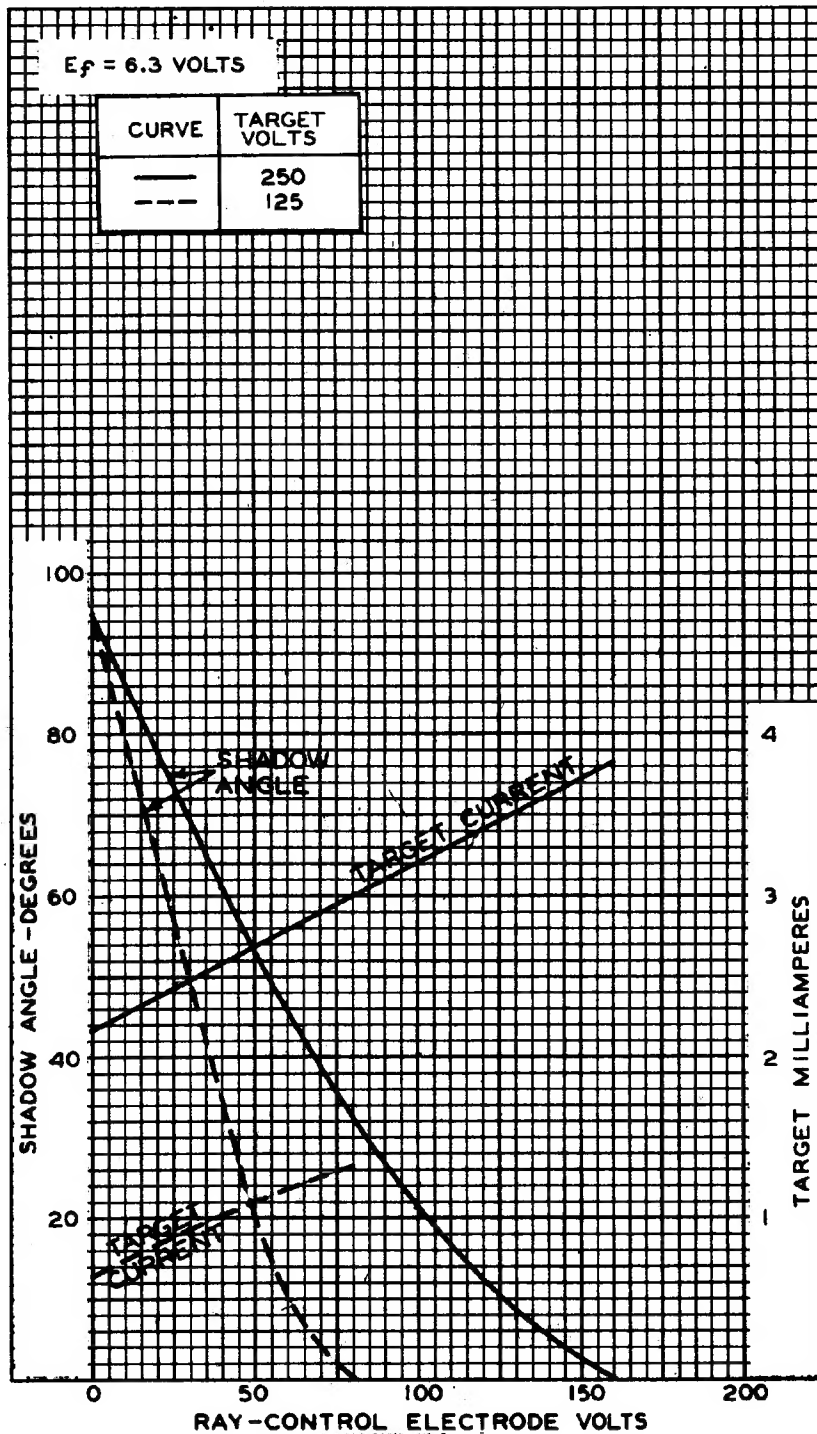
DATA

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AVERAGE CHARACTERISTICS



SEPT. 25, 1944

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